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H-index: 31 (as per Google Scholar)

RG score: 44.67

Current positions:

- **Director**, Pancreatology, Asian Institute of Gastroenterology Hospitals.
- **Clinician Scientist (Wellcome DBT Fellow)**, Institute of Basic and Translational Research, Asian Healthcare Foundation (AHF) (*Research wing of AIG*)
- **Head, Pancreas Research Group & Division of Gut Microbiome Research**, Wellcome DBT India Alliance Labs (Asian Healthcare Foundation)

Education and training:

- Visiting Fellow
2012
Ingham Institute of Applied Medical Research
University of New South Wales
Sydney, Australia
- GI-Pancreatology Fellowship
2008-09
Mayo Clinic
Rochester, USA.
- Post-Doctoral Research Associate
(Translational research) 2007-2008
Division of Basic and Translational Research
Dept. of Surgery, Univ. of Minnesota
Minneapolis, USA.
- Senior Residency in Gastroenterology
2004-07
Pushpawati Singhanian Research Institute,
New Delhi, India.
- MD (Internal Medicine)
2000-03
Gauhati Medical College (Gauhati University),
Assam, India.

Research interests:

- Molecular mechanisms of acute pancreatitis and complications
- Pain mechanisms and management in chronic pancreatitis
- Genetics of recurrent acute and chronic pancreatitis
- Gut microbiome in health and pancreatic diseases
- Pancreatic stellate cells, inflammation and beta cell dysfunction

Major research grant support:

- **Science and Engineering Board (SERB)**, Dept. of Science and Technology extramural grant to study the association of altered gut mycobiome (fungome) and fungal metabolites with disease phenotype in patients with chronic pancreatitis, from 2021 (3 years). [**Role: PI**]
- **Wellcome-DBT senior fellowship** to study the Role of gut microbial dysbiosis and metabolomic alterations in chronic pancreatitis and associated metabolic abnormalities IA/CPHS/17/1/503358 in 2018-2024 (5 years). [**Role: PI**]
- **AIG/AHF institutional research grant** to study the relationship of gut microbiota with chronic pancreatitis (2014). [**Role: PI**]
- **Grant from ASGE, USA** (as Co-principal Investigator) (2014) to study the effect of epinephrine spray on the development of Post ERCP Pancreatitis (INDIEH trial). (1 year) [**Role: Co-PI**]
- **Wellcome-DBT intermediate fellowship** to study molecular pathogenesis of acute pancreatitis in humans (IA/I/11/2500257) in 2012-2017 (5 years). [**Role: PI**]
- **AIG/AHF institutional research grant** to study the role of antioxidants in the treatment of pain in chronic pancreatitis (2012). [**Role: PI**]
- **DBT Twinning grant** on multicenter gut microbiome studies (HC-97; 2011-2014). (3 years) [**Role: Co-PI**]

Ongoing research projects:

- Association of altered gut mycobiome (fungome) and fungal metabolites with disease phenotype in patients with chronic pancreatitis
- Molecular phenotyping of infected pancreatic necrosis: potential for novel prognostic biomarkers. [Role: PI] (**AIG/AHF IRB: 52/2016**)
- Gut microbial dysbiosis and microbiome-metabolome interactions in patients with chronic pancreatitis with and without diabetes. [Role: PI](**AIG/AHF IRB: 17/2017**)

- Relationship of plasma and brain metabolites (MRS) with depression and pain tolerance in patients with chronic pancreatitis. [Role: PI] (**AIG/AHF IRB: 60/2018**)
- Relationship between gut microbial dysbiosis and altered intestinal mucosal permeability with the severity of acute pancreatitis: an experimental study with L-arginine in rodent models. [Role: PI](**NIN/IEAE/5/2018/RJT(AIG)**)
- Metabolomic differences between *de novo* pancreatic malignancy and malignancy arising on the background of chronic pancreatitis. [Role: PI](**AIG/AHF IRB: 5/E/2019**)
- Randomized controlled trial comparing ESWL with sham for painful chronic pancreatitis with obstructive ductal calculi. (SCHOKE trial) [Role: Co-investigator] (Collaboration with Dr. Asbjorn Mohr Drewes, Aalborg University Hospital, Denmark) (**2019; NCT03966781**).
- Chronic pancreatitis in Southeast and South Asia (CPSEASA): A multicentre multinational study to evaluate the clinical behaviour of chronic pancreatitis. [Role: PI](**AIG/AHF IRB: 02/XI/2020**)
- Evaluation of inflammation related gene alterations in the pathogenesis of idiopathic and alcohol related chronic pancreatitis. [Role: PI]
- Impact of the mycobiome (fungome) on infected pancreatic necrosis in patients with acute pancreatitis. [Role: PI]

Experience:

❖ **Basic and Translational Research**

- **Postdoctoral Research Associate** in the Division of Basic and Translational Research, Department of Surgery, **University of Minnesota**, from March 2007 to September 2008. (*Trained in Pancreatic acinar cell biology*)
- **Visiting Fellow** to the Ingham Institute of Applied Medical Research, **University of New South Wales, Australia**, 2012. (*Trained in Pancreatic stellate cell biology*)

❖ **Clinical research**

- Attended **biostatistics class/workshops** at the Mayo School of Graduate Medical Education, Mayo Clinic, Rochester, USA in 2008.
- **Senior Research Fellow** at the Guwahati Field Unit, **Regional Medical Research Center (Northeast Region), Indian Council of Medical Research**, in an extramural project under the Jai Vigyan Science & Technology Mission, from July 2003 to December 2003.

❖ **Professional**

- Worked as an Instructor in Medicine at the **Mayo School of Graduate Medical Education**.
- Worked as Senior Resident at the **Center for Digestive and Liver Diseases, Dispur Polyclinic**, Guwahati, India from January, 2004 to October, 2004.
- Worked as a Postgraduate student in Internal Medicine in **Gauhati Medical College**, Guwahati, India from March 2000 to June 2003.
- Worked as Junior Resident in the Dept. of Anatomy, **All Indian Institute of Medical Sciences**, New Delhi, **Central Nursing Home**, Guwahati and **East End Nursing Home, Guwahati, India** between September 1996 and December 1999.

❖ **Teaching/ training/ supervision/scientific meeting organization**

- Have been coordinating a mentorship program named **Pancreas India** for DM/DNB students/fresh pass outs who are aspiring to pursue a Pancreatology career.
- Supervising DNB residents (Medical Gastroenterology Fellows) at Asian Institute of Gastroenterology.
- Supervising postdoctoral fellow, research associates, PhD students, and junior research fellows at the Asian Healthcare Foundation (*Research wing of Asian Institute of Gastroenterology*)
- Training students under the Biotechnology Consortium of India Limited (BCIL) program of the Department of Biotechnology, Govt. of India, at Asian Healthcare Foundation.
- Undergraduate bedside teaching (history taking, clinical examination/skills) in the Department of Medicine, Gauhati Medical College, Guwahati, India.

❖ **Major workshops attended**

- **Nature Masterclass** in Scientific Writing and Publishing, provided by Nature Publishing Group/Wellcome DBT IA at Hyderabad on **4-5th May, 2016**.
- **Faculty Development Workshop** for Clinical Educators in **May 2014** at the **Digestive Diseases Week, Chicago, USA**.
- **Biomedical Research Workshop** (including biostatistics) in **2005**, organized by SGPGI, Lucknow.
- **GCP (Good Clinical Practice) workshop and investigators' meet** on **2nd August, 2003**, at Mumbai (Organized by *Medical Research Division, Pfizer Limited, India*)

Research fellows and students supervised/mentored

Sl.	Name/Year	Current status	Work/Project in my lab./Clinic
CURRENT BASIC RESEARCH FELLOWS/STUDENTS			
1.	Sneha Kumari (2021 onwards)	PhD student	Microbiome in gall bladder cancer
2.	Priyanka Sarkar (2018 onwards)	Postdoctoral fellow	Impact of gut microbial dysbiosis and metabolomic alterations in chronic pancreatitis and complications.
3.	Aparna Jakkampudi (2012 onwards)	PhD student	Interactions between gut microbiota and acute pancreatitis
4.	Misbah Unnisa (2019 onwards)	Research Fellow	Natural history of fluid collections in acute pancreatitis.
5.	Ambika Prasanna (2020 onwards)	Research Fellow	Impact of gut microbial dysbiosis and metabolomic alterations in chronic pancreatitis and complications
6.	Sreelekha Chintaluri (2021 onwards)	Research Fellow	Association of altered gut mycobiome (fungome) and fungal metabolites with disease phenotype in patients with chronic pancreatitis
PREVIOUS BASIC RESEARCH FELLOWS/STUDENTS			
7.	Subhaleena Sarkar (Research Fellow; 2017-2022)	Pursuing research career abroad	Circulating metabolomic and MRS changes in patients with chronic pancreatitis with depression and impact of intervention.
8.	Sai Manasa Jandhyala (Research fellow; 2013-2015)	Currently working in Florida, USA	Effect of gut dysbiosis on metabolic changes and diabetes in chronic pancreatitis
9.	Ramaiah Jangala (Research Fellow; 2012-2016)	Teaching	Pathogenesis of human acute pancreatitis
10.	Neeshu Saroj (BCIL student; 2015)	Postdoc in Cinvastav University, Mexico	Cell death mechanisms in acute pancreatitis
11.	Priyanka Pelluri (BCIL student; 2014)	Working in industry	Inflammatory response in acute pancreatitis
12.	Madhavi Meduri (BCIL student; 2013)	Working in industry	Acinar regeneration in chronic pancreatitis
CURRENT GASTROENTEROLOGY STUDENTS AND CLINICAL RESEARCH STUDENTS			
13.	Sowmya Javaaji (2022 onwards)	Clinical research fellow	Chronic pancreatitis in southeast and south Asia (CPSEASA) study
14.	Chandana V (2021 onwards)	Gastroenterology DNB student	Randomized controlled trial to evaluate the efficacy of non-enteric pancreatic enzymes for pain in CP
15.	Dr. Chandrakant (2017 onwards)	Gastroenterology DNB student	Association of gut microbial dysbiosis with infected pancreatic necrosis in patients with acute pancreatitis.
16.	Dr. Avadh Patel (2018 onwards)	Gastroenterology DNB student	Association of gut microbial and metabolomic alteration in panc. CA.

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Sl.	Name/Year	Current status	Work/Project in my lab./Clinic
17.	Ila Srinivas (2020 onwards)	Gastroenterology DNB student	Role of fungal dysbiosis in infected pancreatic necrosis in patients with acute pancreatitis
PREVIOUS GASTROENTEROLOGY STUDENTS AND CLINICAL RESEARCH STUDENTS			
18.	Askhay Bedarkar (2021 onwards)	Clinical research fellow	Randomized controlled trial to evaluate the efficacy of ESWL versus Sham for painful chronic pancreatitis
19.	Dr. Wahid (2017 onwards)	Gastroenterology DNB student	Exocrine and endocrine dysfunction in patients with acute pancreatitis.
20.	Dr. Sudhir Pasham (MBBS; 2019-2020)	Residency in, Pennsylvania, USA	Factors predicting migration of pancreatic stents after ERCP
21.	Dr. Priyanjali Pulipati (MBBS; 2018-2019)	Residency in Michigan, USA	Natural history of fluid collections in acute pancreatitis
22.	Dr. Nikhila Thamineni (MBBS; 2017-2018)	Residency in USA	Genetics of recurrent acute pancreatitis
23.	Dr. Deepesh Sharma (DNB; 2014-2017)	Consultant Gastroenterologist	Compensatory inflammatory response syndrome and infection in acute pancreatitis.
24.	Dr. Harshal Shah (DNB; 2014-2017)	Consultant Gastroenterologist	Genetics of alcoholic pancreatitis
25.	Dr. Aashish Patil (DNB; 2014-2017)	Consultant Gastroenterologist	Relationship of systemic inflammatory response syndrome (SIRS) and compensatory inflammatory response syndrome (CARS) with infections in patients with acute pancreatitis
26.	Dr. Nitin Jagtap (DNB; 2013-2016)	Consultant Gastroenterologist	Cardiovascular manifestation in patients with chronic pancreatitis
27.	Dr. Pankaj Ingale (DNB; 2012-2015)	Consultant Gastroenterologist	Determinants of mortality in patients with severe acute pancreatitis admitted to the ICU
28.	Dr. Abhik Bhattacharyya (Clinical research fellow; 2012-2013)	GI Fellowship at Cleveland Clinic, Ohio, USA	Validation of the Revised Atlanta Classification of Acute Pancreatitis in Indian patients
29.	Dr. Bhavana Rao (Clinical research fellow; 2012-2013)		

Scientific publications:

In peer-reviewed journals

1. Subhaleena Sarkar, Priyanka Sarkar, Revanth M, Dibyamohan Hazarika, Ambika Prasanna, Stephen Pandol, Misbah Unnisa, Aparna Jakkampudi, Akshay Bedarkar, Naveen Dhagudu, D. Nageshwar Reddy, **Rupjyoti Talukdar**. Brain metabolites connect pain, depression and

- quality of life components in patients with chronic pancreatitis. *Pancreatology*. 2022 Jun 8:S1424-3903(22)00202-2. doi: 10.1016/j.pan.2022.06.007. Online ahead of print.
2. Nabi Z, **Talukdar R**, Chavan R, Basha J, Reddy DN. Outcomes of Per-Oral Endoscopic Myotomy in Children: A Systematic Review and Meta-analysis. *Dysphagia*. 2022. doi: 10.1007/s00455-022-10409-5.
 3. Jagtap N, Kumar JK, Chavan R, Basha J, Tandan M, Lakhtakia S, Kalapala R, Nabi Z, Gupta R, Ramchandani M, **Talukdar R**, Reddy M, Yarlagadda R, Singh J, Memon SF, Venkat Rao G, Reddy DN. EUS versus MRCP to perform ERCP in patients with intermediate likelihood of choledocholithiasis: a randomised controlled trial. *Gut*. 2022. doi: 10.1136/gutjnl-2021-325080.
 4. Paragomi P, Papachristou GI, Jeong K, Hinton A, Pothoulakis I, **Talukdar R**, Kochhar R, Goenka MK, Gulla A, Gonzalez JA, Singh VK, Ferreira Bogado M, Stevens T, Barbu ST, Nawaz H, Gutierrez SC, Zarnescu N, Archibugi L, Easler JJ, Triantafyllou K, Peláez-Luna M, Thakkar S, Ocampo C, de-Madaria E, Cote GA, Wu BU, Lee PJ, Hart PA, Conwell DL, Toledo FGS, Yadav D. The relationship between pre-existing diabetes mellitus and the severity of acute pancreatitis: Report from a large international registry. *Pancreatology*. 2022 Jan;22(1):85-91. doi: 10.1016/j.pan.2021.10.001
 5. Chavan R, Nabi Z, Lakhtakia S, Gupta R, Jahangeer B, **Talukdar R**, Singh AP, Karyampudi A, Yarlagadda R, Ramchandani M, Kalapala R, Jagtap N, Reddy M, Tandan M, Rao GV, Reddy ND. Impact of transmural plastic stent on recurrence of pancreatic fluid collection after metal stent removal in disconnected pancreatic duct: a randomized controlled trial. *Endoscopy*. 2022 Feb 18. doi: 10.1055/a-1747-3283.
 6. Paragomi P, Hinton A, Pothoulakis I, **Talukdar R**, Kochhar R, Goenka MK, Gulla A, Gonzalez JA, Singh VK, Bigado MF, Stevens T, Barbu ST, Nawaz H, Gutierrez SC, Zarnescu N, Archibugi L, Easler JJ, Triantafyllou K, Peláez-Luna M, Thakkar S, Ocampo C, Enrique de-Madaria, Cote GA, Lee PJ, Krishna S, Lara LF, Han S, Wu BU, Papachristou GI. The modified pancreatitis activity scoring system shows distinct trajectories in acute pancreatitis: and international study. *Clin Gastroenterol Hepatol*, 2021; 17:S1542-3565(21)00978-2.
 7. Priyanjali Pulipati, **Rupjyoti Talukdar**. The microbiome linked to pancreatitis. *Curr. Opin. Physiol.* 2021 [In press].
 8. **Rupjyoti Talukdar**, Priyanka Sarkar, Aparna Jakkampudi, Subhaleena Sarkar, Mohsin Aslam, Manasa Jandhyala, Deepika G, Misbah Unnisa, D. Nageshwar Reddy. The gut

- microbiome in pancreatogenic diabetes differs from that of Type 1 and Type 2 diabetes. **Sci Rep** **2021**; 11(1):10978. doi: 10.1038/s41598-021-90024-w.
9. Arutla M, Sarkar S, Unnisa M, Sarkar P, Raj MA, Mrudula MR, G D, Pasham S, Jakkampudi A, Prasanna A, Reddy DN, **Talukdar R**. Malnutrition after pancreatic enzyme replacement therapy in chronic pancreatitis: Risk factors in real world practice. **Pancreatology**. **2021 Jan**; **21(1): 34-41**.
 10. Jakkampudi A, Jangala R, Reddy R, Reddy B, Venkat Rao G, Pradeep R, Nageshwar Reddy D, **Talukdar R**. Fatty acid ethyl ester (FAEE) associated acute pancreatitis: An ex-vivo study using human pancreatic acini. **Pancreatology**. **2020 Dec**; **20(8):1620-1630**.
 11. Aslam M, Jagtap N, Karyampudi A, **Talukdar R**, Reddy DN. Risk factors for development of endocrine insufficiency in chronic pancreatitis. **Pancreatology**. **2021 Jan**; **21(1):15-20**.
 12. Basha J, Lakhtakia S, Nabi Z, Pal P, Chavan R, **Talukdar R**, Ramchandani M, Gupta R, Kalapala R, Venkat Rao G, Reddy DN. Impact of disconnected pancreatic duct on recurrence of fluid collections and new-onset diabetes: do we finally have an answer? **Gut**. **2021 Mar**; **70(3):447-449**.
 13. Pothoulakis I, Nawaz H, Paragomi P, Jeong K, **Talukdar R**, Kochhar R, Goenka MK, Gulla A, Singh VK, Gonzalez JA, Ferreira M, Barbu ST, Stevens T, Gutierrez SC, Zarnescu NO, Capurso G, Easler J, Triantafyllou K, Pelaez-Luna M, Thakkar S, Ocampo C, de-Madaria E, Wu BU, Cote GA, Abebe K, Tang G, Lahooti A, Phillips AE, Papachristou GI. Incidence and risk factors of oral feeding intolerance in acute pancreatitis: Results from an international, multicenter, prospective cohort study. **United European Gastroenterol J**. **2021 Feb**; **9(1):54-62**.
 14. Siddiqui A, Naveed M, Basha J, Lakhtakia S, Nieto J, Shah J, Binmoeller K, Murphy M, **Talukdar R**, Ramchandani MK, Nabi Z, Gupta R, Kowalski TE, Loren DE, Sharaiha RZ, Kahaleh M, Eyck PT, Noor A, Mumtaz T, Kalalala R, Reddy ND, Adler DG. International, multicenter retrospective trial comparing the efficacy and safety of bi-flanged versus lumen-apposing metal stents for endoscopic drainage of walled-off pancreatic necrosis. **Ann Gastroenterol**. **2021**; **34(2):273-281**.
 15. Katakwar A, Lakhtakia S, **Talukdar R**. Comments on "Endoscopic sleeve gastropasty, laparoscopic sleeve gastrectomy, and laparoscopic greater curve plication: do they differ at 2 years?". **Endoscopy**. **2021 Mar**; **53(3):339**.
 16. **Rupjyoti Talukdar**, D. Nageshwar Reddy, Manu Tandan, Rajesh Gupta, Sundeep Lakhtakia, Mohan Ramchandani, Rakesh Kalapala, Jahangeer Basha, Zaheer Nabi, Manohar Reddy, Santosh Darishetty, Vinod Koppoju, R. Pradeep, G Venkat Rao. Impact of

- ductal interventions on diabetes in patients with chronic pancreatitis. ***J Gastroenterol Hepatol***, Sept. 2020.
17. Basha J, Lakhtakia S, Nabi Z, Pal P, Chavan R, **Talukdar R**, Ramchandani R, Gupta R, Kalapala R, Rao GV, Reddy DN. Impact of disconnected pancreatic duct on recurrence of fluid collections and new-onset diabetes: do we finally have an answer? ***Gut***, 2020 Sept. doi.org/10.1136/gutjnl-2020-321773
 18. **Talukdar R**, Aslam M, Reddy DN, Nabi Z, Shava U, Ravikanth VV, Avanthi S, Govardhan B. Pancreas Divisum Increases the Risk of Recurrent Acute Pancreatitis in Patients with rs12338 Polymorphism in the Cathepsin B Gene. ***Dig Dis Sci***. 2020 Aug 4. doi: 10.1007/s10620-020-06517-7.
 19. Pulipati P, Sarkar P, Jakkampudi A, Kaila V, Sarkar S, Unnisa M, Reddy DN, Khan M, **Talukdar R**. The Indian Gut microbiota: is it unique? ***Indian J Gastroenterol***. 2020 Apr;39(2):133-140.
 20. Olesen SS, Drewes AM, Gaud R, Tandan M, Lakhtakia S, Ramchandani M, Rao GV, Reddy DN, **Talukdar R**. Combined extracorporeal shock wave lithotripsy and endoscopic treatment for pain in chronic pancreatitis (SCHOKE trial): study protocol for a randomized, sham-controlled trial. ***Trials***. 2020 Apr 16;21(1):338. doi: 10.1186/s13063-020-04296-0.
 21. Pothoulakis I, Paragomi P, Archibugi L, Tuft M, **Talukdar R**, Kochhar R, Goenka MK, Gulla A, Singh VK, Gonzalez JA, Ferreira M, Barbu ST, Stevens T, Nawaz H, Gutierrez SC, Zarnescu NO, Easler J, Triantafyllou K, Pelaez-Luna M, Thakkar S, Ocampo C, de-Madaria E, Wu BU, Cote GA, Tang G, Papachristou GI, Capurso G. Clinical features of hypertriglyceridemia-induced acute pancreatitis in an international, multicenter, prospective cohort (APPRENTICE consortium) ***Pancreatology***. 2020 Apr;20(3):325-330.
 22. Kulkarni AV, Kumar P, Sharma M, Sowmya TR, **Talukdar R**, Rao PN, Reddy DN. Pathophysiology and Prevention of Paracentesis-induced Circulatory Dysfunction: A Concise Review. ***J Clin Transl Hepatol***. 2020 Mar 28;8(1):42-48.
 23. Kulkarni AV, Kumar P, Tevethia HV, Premkumar M, Arab JP, Candia R, **Talukdar R**, Sharma M, Qi X, Rao PN, Reddy DN. Systematic review with meta-analysis: liver manifestations and outcomes in COVID-19. ***Aliment Pharmacol Ther***. 2020 Jul 8;10.1111/apt.15916.
 24. Kulkarni AV, Kumar P, **Talukdar R**, Rao NP. Steroids as rescue therapy for vitamin A-induced acute liver failure. ***BMJ Case Rep***. 2020 Mar 4;13(3):e233902.

25. **Talukdar R**, Kamal A, Akshintala VS, Goud R, Lakhtakia S, Ramchandani MK, Tandan M, Rao GV, Nabi Z, Gupta R, Kalapala R, Basha J, Reddy M, Rai VK, Goenka MK, Sinha S, Kochhar R, Elmunzer BJ, Khashab MA, Kalloo AN, Singh VK, Reddy DN. Fluid type and volume reduce risk of post-ERCP pancreatitis and length of hospital stay in high-risk patients: a secondary analysis of the INDIEH trial **Endosc Int Open**. 2020 Jul;8(7):E834-E839. doi: 10.1055/a-1149-1359.
26. Nabi Z, **Talukdar R**, Venkata R, Aslam M, Shava U, Reddy DN. Genetic Evaluation of Children with Idiopathic Recurrent Acute Pancreatitis. **Dig Dis Sci**. 2020 Jan 3. doi: 10.1007/s10620-019-06026-2. [Epub ahead of print]
27. Matta B, Gougol A, Gao X, Reddy N, **Talukdar R**, Kochhar R, Goenka MK, Gulla A, Gonzalez JA, Singh VK, Ferreira M, Stevens T, Barbu ST, Nawaz H, Gutierrez SC, Zarnescu NO, Capurso G, Easler J, Triantafyllou K, Pelaez-Luna M, Thakkar S, Ocampo C, Enrique de-Madaria, Cote GA, Wu BU, Paragomi P, Pothoulakis I, Tang G, Papachristou GI. Worldwide Variations in Demographics, Management, and Outcomes of Acute Pancreatitis. **Clin Gastroenterol Hepatol**. 2020 Jun;18(7):1567-1575.
28. Aslam M, Vijayasathya K, **Talukdar R**, Sasikala M, Nageshwar Reddy D. Reduced pancreatic polypeptide response is associated with early alteration of glycemic control in chronic pancreatitis. **Diabetes Res Clin Pract**. 2019 Dec 23;160:107993. doi: 10.1016/j.diabres.2019.107993. [Epub ahead of print]
29. Manu Tandan, D. Nageshwar Reddy, **Rupjyoti Talukdar**, Vinod K, Kiran SVVS, Santosh D, Gupta R, Ramchandani M, Lakhtakia S, Rakesh K, Manohar Reddy P, Basha J, Nabi Z, Jagtap N, Rao GV. ESWL for large pancreatic stones: report of over 5000 patients. **Pancreatology**, 2019; Aug 2: doi: 10.1016/j.pan.2019.08.001.
30. Ratnakar Reddy, Sasikala Mitnala, **Rupjyoti Talukdar**, Surya S. Singh, D. Nageshwar Reddy. Pancreatic stellate cell-potentiated insulin secretion from Min6 cells is independent of interleukin 6-mediated pathway. **J Cell Biochem**; 2020: 840-855.
31. Madhulika Arutla, M. Raghunath, Deepika G, Aparna Jakkampudi, H.V.V. Murthy, G. V. Rao, D. Nageshwar Reddy, **Rupjyoti Talukdar**. Efficacy of Enteral Glutamine Supplementation in Patients with (Predicted) Severe Acute Pancreatitis- A Randomized Controlled Trial. **Indian J Gastroenterol**, 2019 Aug;38(4):338-347.

32. Aslam M, **Talukdar R**, Jagtap N, Rao GV, Pradeep R, Rao U, Reddy DN. Clinical Profile and Outcome of Parathyroid Adenoma-Associated Pancreatitis. *Saudi J Med Med Sci*. 2018; 6: 95-99.
33. Kamal A, Akshintala VS, **Talukdar R**, Goenka MK, Kochhar R, Lakhtakia S, Ramchandani MK, Sinha S, Goud R, Rai VK, Tandan M, Gupta R, Elmunzer BJ, Ngamruengphong S, Kumbhari V, Khashab MA, Kalloo AN, Reddy DN, Singh VK. A Randomized Trial of Topical Epinephrine and Rectal Indomethacin for Preventing Post-Endoscopic Retrograde Cholangiopancreatography Pancreatitis in High-Risk Patients. *Am J Gastroenterol*. 2019; 114: 339-347.
34. Akshintala VS, **Talukdar R**, Singh VK, Goggins M, The gut microbiome in Pancreatic Disease. *Clin Gastroenterol Hepatol*, 2019; 17: 290-295.
35. **Talukdar R**. Progression of recurrent acute pancreatitis to chronic pancreatitis: More questions than answers. *Indian J Gastroenterol* 2018; 37: 77-78.
36. Sasikala M, Ravikanth VV, Murali Manohar K, Deshpande N, Singh S, Pavan Kumar P, **Talukdar R**, Ghosh S, Aslam M, Rao GV, Pradeep R, Reddy DN. Bach 2 repression mediates Th17 cell induced inflammation and associates with clinical features of advanced disease in chronic pancreatitis. *United European Gastroenterol J*, 2018: 6: 272-282.
37. Nabi Z, **Talukdar R**, Reddy DN. Primary EUS-guided drainage for malignant distal biliary obstruction: not yet prime time! *Gastrointest Endosc* 2018; 88: 18-20.
38. Drewes AM, Campbell CM,, **Talukdar R**. Pain in pancreatic ductal adenocarcinoma: A multidisciplinary international guideline for optimized management. *Pancreatology*, 2018: 18: 446-457.
39. Avanthi US, Bale G, Aslam M, **Talukdar R**, Duvvur NR, Vishnubhotla RV. PRSS1 (R122H) mutation in an Indian family with low penetrance is associated with pancreatitis phenotype. *Indian J Gastroenterol*, 2018: 37: 67-69.
40. Nabi Z, **Talukdar R**, Reddy DN. Endoscopic management of pancreatic fluid collections in children. *Gut Liver* 2017; 11: 474-480.
41. Aparna Jakkampudi, Ramaiah Jangala, Ratnakar Reddy, Sasikala Mitnala, R Pradeep, GV Rao, DN Reddy, **Rupjyoti Talukdar**. Acinar injury and early cytokine response in human acute biliary pancreatitis. *Sci Rep* 2017 Nov 10; 7(1): 15276
42. Deepesh Sharma, Aparna Jakkampudi, Ratnakar Reddy, Panyala Balakumar Reddy, Aasish Patil, G Venkat Rao, D Nageshwar Reddy, **Rupjyoti Talukdar**. Association of

systemic inflammatory and anti-inflammatory responses with adverse outcomes in acute pancreatitis: preliminary results from a prospective study. ***Dig Dis Sci*** 2017 Oct 27; doi: 10: 1007/s10620-017-4813-6 [Epub ahead of print].

43. **Talukdar R**, Reddy DN. Pancreatic exocrine insufficiency in Type 1 and Type 2 diabetes. ***J Assoc Physicians India*** 2017; 65: 64-70.
44. Nabi Z, **Talukdar R**, Reddy DN. Endoscopic management of pancreatic fluid collections in children. ***Gut Liver*** 2017; 11: 474-480.
45. Murali Manohar K, Sasikala M, Kvsrr Y, Sunil V, **Talukdar R**, Murthy H, Ramji C, Rao GV, Pradeep R, Reddy DN. Plasma microRNA192 in combination with serum CA19-9 as noninvasive prognostic biomarker in periampullary carcinoma. ***Tumour Biol.*** 2017 Mar; 39(3):1010428317695018. doi: 10.1177/1010428317695018.
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175. **Rupjyoti Talukdar.** Higher Medical Education in USA. A career guidance article for youth. Published in the Magazine called FRIENDS, that was published by the organization called FASS (Friends of Assam and Seven Sisters). January, 2010.
176. **Rupjyoti Talukdar.** Yellow Physicians. An article dealing with the myths and misconceptions about jaundice that are prevalent in Assamese society. Published in the SUNDAY READING section of The Assam Tribune on 29th Jan, 2005.
177. **Rupjyoti Talukdar.** Alcohol: the beloved enemy. An article dealing with the deleterious effects of alcohol on health. Published in the MELANGE magazine (in two parts) of The Sentinel, in May 2008.

Book editor:

1. DN Reddy, GV Rao, **Rupjyoti Talukdar.** Gastrointestinal Surgery and Pancreatic Exocrine Insufficiency. Konentworx, New Delhi. 2021.

Select invited lectures (International, Regional and National)

1. **[Upcoming]** 'What's new in genetic risk variants? Clinical implications', at the **Annual meeting of the American Pancreas Association**, Orlando, USA, 6th November, 2022.

2. **[Upcoming]** 'Updates in Pancreatic Quantitative Sensory Testing (P-QST) in chronic pancreatitis', at the **First Joint Denmark/India Pancreas Meeting**, Aalborg, Denmark, 22nd September, 2022.
3. **[Upcoming]** 'Mechanisms of pain in chronic pancreatitis and its management' at the **National Conference on GI and Hepatobiliary Clinics**, New Delhi, 3rd September, 2022.
4. **[Upcoming]** 'Chronic pancreatitis: a holistic approach', at the **Annual Meeting of the Northeast Chapter of Indian Society of Gastroenterology**, Shillong, on 27th August, 2022.
5. 'Pain mechanisms in patients with chronic pancreatitis: looking beyond the pancreatic tissues', at the **Annual Congress of the IAP-JPS**, Kyoto, Japan, on 7th July, 2022.
6. 'Gut microbiome in diabetes: cause or effect?' at the **9th Annual Meeting of the Diabetes Research Welfare Association**, Kolkata, on 26th June, 2022.
7. 'The Gut Microbiome: Are we killing it?', at the **UoH-AIG Joint Symposium on Microbes and Health**, Hyderabad, on 30th May, 2022.
8. 'Chronic pancreatitis: pill/endothrapy/surgery', at the **1st HOPECON Conference**, Kolkata, on 28th May, 2022.
9. 'Chronic pancreatitis: A holistic Approach', at the **28th Annual Conference of the Bangladesh Society of Gastroenterology**, Dhaka, on 13th May, 2022.
10. 'Does dietary modification to treat FGID alter the gut microbiota?', at the **5th Annual Meeting of the IMFDA**, Lucknow, on 8th May 2022.
11. 'Exocrine Pancreatic Insufficiency in diabetes.', at the **7th Annual Meeting of the Telangana State RSDDI**, Hyderabad, on 24th April, 2022.
12. 'Type 3c (pancreatogenic) diabetes: updates', at the **Annual Meeting of the Association of Physicians of India**, Jaipur, on 14th April 2022.
13. 'EPI in diabetes', at the **Annual Meeting of the Association of Physicians of India**, Jaipur, on 16th April 2022.
14. 'The Gut Microbiome and Nutrition', at the **National Dietetics Day Seminar**, Hyderabad, on 9th January, 2022.
15. 'Barriers of PERT in CP', at the **GEMAS Gastrosummit, Kolkata**, 18th Dec., 2021

16. 'Advanced endoscopic treatment for pancreatic diseases', at the **Mayo-AIG collaborative GastroXpert webinar series**, 11th Dec., 2021
17. 'Recurrent acute pancreatitis: what's new?', at the **Annual Meeting of the Sri Lankan Society of Gastroenterology, at Colombo**, 12th Nov., 2021.
18. 'Nutritional management in chronic pancreatitis: Beyond PERT', at the **American Pancreatic Association Annual Meeting, Miami**, 5th Nov. 2021.
19. 'Microbiome and pancreas', at the **Northeast Gastro Meet, Guwahati**, on 2nd October, 2021.
20. 'Pancreatic exocrine insufficiency in diabetes: uncharted terrains', at a **webinar by Hetero Healthcare**, on 28th August, 2021.
21. 'How to improve outcomes in acute pancreatitis', at the **Asian Pacific Digestive Week, Kuala Lumpur** on 21 Aug. 2021. (virtual)
22. 'Adherence to long term therapies in India', at the **a:care program by Abbott India**, on 14th August, 2021. (virtual)
23. 'How to handle your research data', **online lecture for DNB residents of AIG**, on 7th July, 2021.
24. 'PERT: PEI and beyond', online **lecture for DNB residents of AIG**, on 8th July, 2021.
25. 'Pancreatic and hepatic stellate cells', online class for DNB residents, on 2 June, 2021.
26. 'Hepatic Stellate Cells', at a webinar on **pre-NASH Day, conducted by AIG**, on 9th June, 2021.
27. 'Nutrition in pancreatitis: Clinical challenges', at a webinar on nutrition conducted by **Waterley Pharmaceuticals**, on 9th June, 2021.
28. 'Life with chronic pancreatitis', at a webinar for gastroenterologists in Nepal, conducted by **Recura Zenith.**, on 19th June, 2021.
29. 'Medical management of chronic pancreatitis', at a webinar conducted by the **National Board of Examinations.**, on 21st June, 2021.
30. 'Microbiome and the pancreas', at the **Pancreas Conclave** conducted by the Foundation for Research in Digestive and Liver Diseases, New Delhi, on 27th June, 2021.
31. 'Chronic pancreatitis, PEI and nutrition', at a virtual **Focussed Group Discussion** organized by Abbott India, on 30th April, 2021.

32. 'The Indian Gut Microbiota', at the virtual **Annual Meeting of Association of Physicians of India**, on 7th March, 2021.
33. 'Type 3c diabetes: newer concepts', at the webinar on Type 3c diabetes and Islet Transplantation, **organized by AIGH/AHF**, on 27th Feb 2021.
34. 'Chronic pancreatitis: definition, challenges and management', at the **PancrePAIN CME/webinar**, on 20th Feb., 2021.
35. 'Role of antioxidants in chronic pancreatitis', at the **Advisory Board Webinar** for doctors across UP, on 21st Feb., 2021 and Hyderabad, on 23rd Jan., 2021.
36. 'Extraluminal microbial dysbiosis', at the **Webinar** organized by Dr. Reddy's Laboratories, Hyderabad, 30th Jan. 2021.
37. 'Medical management of chronic pancreatitis', at the CME organized by the **Indian Pancreas Club**, on 2nd Jan. 2021.
38. 'A decade in Pancreatology', at the **International Pancreatic Cancer Day**, organized by Dr. Reddy's Laboratories, Hyderabad, 19th Nov., 2020.
39. 'Case Based Discussion of Recurrent Acute Pancreatitis', at the **Virtual Webinar of the Gastro Society of Thrissur**, on 26th August, 2020.
40. 'The Indian Gut Microbiota: Is it unique?', at a **Virtual Webinar by GI Vistas**, DRL, on 1st May, 2020.
41. 'Pain, brain, and metabolites in chronic pancreatitis: which one to target?', at a **Virtual Masterclass on Chronic Pancreatitis**, by Abbott India, on 24th April, 2020.
42. 'Early management of acute pancreatitis: intersection between an evidence based and pragmatic approach', at the **virtual meeting (webinar) of the Indian Association of Surgical Gastroenterology**, 9th April, 2020.
43. 'Managing chronic pancreatitis: beyond the duct to the brain', at the **virtual meeting (webinar) of the Indian Association of Surgical Gastroenterology**, 28th March, 2020.
44. 'Approach to acute pancreatitis in the first week', at the **GI Learning Ongoing Workshop (GLOW)**, at Hyderabad, 15th February, 2020.
45. 'The gut microbiome in health and diseases', at the **18th North East Gastro Meet**, at Guwahati, 1st February, 2020.

46. 'Severity Assessment of Acute Pancreatitis', at **the 75th Association of Physicians of India (APICON)**; at Agra, 6th Jan 2020.
47. 'Drug treatment of chronic pancreatitis: antioxidants, enzymes and beyond' at the **Asian Pacific Digestive Week (APDW)**, at Kolkata, 13th December, 2019.
48. 'Tropical Chronic Pancreatitis: Unravelling the mystery' at the **Tropical Digestive Disease Symposium**, at Kolkata, 12th December 2019.
49. 'How to write a research grant?' at the **India Alliance Explorer Series symposium**, at IASST Guwahati, 29th November. 2019.
50. 'A Doctor turned scientist's 'gutsy' journey' at the **India Alliance Explorer Series symposium**, at IASST Guwahati, 29th November. 2019.
51. 'What's new in chronic pancreatitis?' at the **Annual Conference of the Indian Society of Pediatric Gastroenterology, Hepatology and Nutrition (ISPGHAN)**; at Chennai, 18th October, 2019.
52. 'FMT in GI diseases' at the annual **Purvanchal Gastrocon**, at Bhubaneswar, 27th September, 2019.
53. 'Case based management of chronic pancreatitis'; at the **AIG-IILDS Gastro Liver Update**, at Siliguri, 4th August, 2019.
54. 'Research Activities and Resources in India'; at the **Pancreasfest**, at Pittsburgh, USA, July, 2019.
55. 'Acute Pancreatitis: Could stricter vigil lead to better outcome?'; at the **Gastro CME, Calcutta Medical College**, at Kolkata, 7th June, 2019.
56. 'Pancreatic exocrine insufficiency: how to diagnose and treat'; at a **Symposium on Chronic Pancreatitis**, at Surat, 27th April 2019.
57. 'Pain management in chronic pancreatitis'; at a **Symposium on Chronic Pancreatitis**, at Surat, 27th April 2019.
58. 'Gut Microbiota manipulation by probiotics'; at the **Gut Microbiota Summit**, at Goa, 21st April, 2019.
59. 'Gut Microbiota and Human Health'; at the **Gut Microbiota Summit**, at Goa, 21st April, 2019.
60. 'Recurrent acute pancreatitis: quest for the etiology'. at the **17th North East Gastro Meet**, at Guwahati, 2nd February, 2019.

61. 'Gut microbial manipulation: The present and the future', at the **IASST Seminar on Host-Microbe Interaction**, at Guwahati, 1st February, 2019.
62. 'Management of acute pancreatitis in the first week: role of the physician'; at the **Assam Chapter Annual APICON**, at Dibrugarh, 22nd December, 2018.
63. 'Early inflammatory events and mediators in acute pancreatitis: lessons from mouse and humans' at the **59th Annual Meeting of the Indian Society of Gastroenterology (ISGCON)**, at Kochi, 30th November, 2018.
64. 'Pain management in chronic pancreatitis: is there an end of the story?' at the 1st Annual Meeting of the **Northeast Chapter of Indian Society of Gastroenterology**, at Shillong, 30th October, 2018
65. Lecture on 'Data presentation and analyses' at the **DiaSurg Conference for bariatric surgeons**, at Hyderabad, 24th August, 2018.
66. 'Antioxidants micronutrients in chronic pancreatitis: from concept to evidence to practice'; at the **4th Gastro Summit**, Kolkata, 25th August, 2018.
67. 'A closer look at the microbiome', at the **Eco Summit II**, Hyderabad, 29 July, 2018.
68. 'Antioxidants in chronic pancreatitis: what is the evidence:', at the **Association of Physicians of India**, Guwahati Chapter, Guwahati, 13th July, 2018.
69. 'Management of pain in chronic pancreatitis', at a **CME** held in Gangtok, Sikkim, 30th June, 2018.
70. 'Management of severe acute pancreatitis in the first week', at the **Association of Physicians of India**, Dibrugarh Chapter, Assam Medical College, Assam, 26th May, 2018.
71. 'Pain management in chronic pancreatitis', at a CME conducted by **Digestive and Liver Foundation**, Guwahati, 27th May, 2018.
72. 'Incidentally detected pancreatic cyst: what's next?' at the **16th North East Gastro Meet**, Guwahati, 3rd February, 2018.
73. 'Genetic screening of pancreatitis', at the **58th Annual Meeting of the Indian Society of Gastroenterology (ISGCON)**, at Bhubaneswar, 14th December, 2017.
74. 'Research misconduct' at the **Pancreas India Mentorship Program** on 17-18th November, New Delhi.

75. 'Gut microbiota in chronic pancreatitis: therapeutic implications' at the **Pancreas India Mentorship Program** meeting on 17-18th November, New Delhi.
76. 'Targeting the gut microbiota in Type 3c diabetes: Could it be a feasible therapeutic option?', at the **45th Annual meeting of the Research Society of Study of Diabetes in India (RSSDI) meeting**, at Bhubaneswar, 4th November, 2017.
77. 'Management of recurrent acute pancreatitis in children and young adults', at the **3rd GEMAS Gastro Summit**, at Kolkata, 26th August, 2017.
78. 'Gut microbiome and Type 3c diabetes', at the **ECO Summit**, at Hyderabad, 2nd July, 2017.
79. 'Biomedical statistics from a clinician's perspective', at the **Pancreas India Mentorship Program**, at Hyderabad, 25th June, 2017.
80. 'Antibiotics in acute pancreatitis: prophylactic versus therapeutic', at the **Pancreas India Mentorship Program**, at Hyderabad, 25th June, 2017.
81. 'Why does pre-clinical trials in acute pancreatitis does not work in the clinics?', at the **Pancreas India Mentorship Program**, at Hyderabad, 24th June, 2017.
82. 'Early versus late severe acute pancreatitis: implications in management', at the **Pancreas India Mentorship Program**, at Hyderabad, 24th June, 2017.
83. 'Recurrent acute pancreatitis: is it genetic, environment, or both?', at the **Pancreas India Mentorship Program**, at Hyderabad, 24th June, 2017.
84. 'Challenges in the management of acute pancreatitis in the first 2 weeks', at the **Kolkata Gut Summit 2017**, 27th April, 2017.
85. 'PERT: unmet needs', at **Focused Group Discussion**, at Trivandrum, 1st April, 2017.
86. 'Role of pancreatic enzyme supplementation in pancreatitis', at a **CME conducted** by the **GEMAS**, at Kolkata, 25th March, 2017.
87. 'Non-surgical management of chronic pancreatitis', at a CME conducted by the **Association of Surgeons of Assam, Guwahati City Chapter**, Guwahati, 19th March, 2017.
88. 'Genetic of chronic pancreatitis in India: challenges and implications', at the **National Conference on Global Trends in Genetic Diagnosis and Therapeutics** organized by the Institute of Genetics and Osmania Hospital for genetic diseases, Hyderabad, 22-23rd February, 2017.

89. 'Calcium dysregulated: Pathophysiological basis of treatment of acute pancreatitis'; at the **Annual Conference of West Bengal Chapter of Indian Society of Gastroenterology**, Kolkata, 10-11th February, 2017.
90. 'Pancreatic islet transplantation in India: from bench to bedside', at the **Northeast Gastro Meet**, Guwahati, 4th February, 2017.
91. 'Advances in the management of chronic pancreatitis' at the **Annual Meeting of the Association of Physicians of India**, Mumbai, 29th January, 2017.
92. 'Management of acute pancreatitis', **Zydus Masterclass Webcast**, on 19th January, 2017.
93. Cytokine storm in acute inflammation: a case study from acute pancreatitis', at the **GI Immunology and Inflammation: Bridging the clinician scientist gap** meeting, Gurgaon, 14th January, 2017.
94. 'Treatment of pancreatic exocrine insufficiency', at the **Mid Term CME** organized by the Indian Chapter of the IHPBA, Vizag, 26th November, 2016.
95. 'Pancreatic Islet Transplantation', at the **8th Jeevandaan Transplant Co-ordinators Meeting**, Asian Institute of Nephrology and Urology, Hyderabad, 24th November, 2016.
96. 'Genetics of chronic pancreatitis'; at the **Annual Meeting of the MAHA ISGCON**, Nagpur, 5th November 2016.
97. 'Treatment of pancreatic exocrine insufficiency in diabetic population'; at the **1st International Conference of Indian College of Physician (West Bengal Chapter) and 23rd Annual Meeting of the Association of Physicians of India (West Bengal Chapter)** [in collaboration with Royal College of Physicians, Ireland], 1st October, 2016.
98. 'Antibiotics in acute pancreatitis: prophylactic, empirical and evidence based'; at the **2nd Annual CME conducted by AMRI Hospital and GEMAS**, Kolkata, 1st October, 2016.
99. 'The Indian Gut Microbiome'; at the **Gastro Circle III Meeting, Xian, China**, 14-15 August, 2016.
100. 'Aetiopathogenesis of Acute Pancreatitis'; at the CME on Pancreatitis organized by **GNRC Hospital, Guwahati**, 16th July, 2016.
101. 'Exocrine insufficiency: an overlooked complication of diabetes'; at the CME organised by the **Guwahati Chapter of Association of Physicians of India**, 25th June, 2016.
102. 'Managing chronic pancreatitis: challenges for the physicians'; at the 7th Annual Conference of the **North Bengal Physicians Association** at **Siliguri**; 17th June, 2016.

103. 'Management of acute pancreatitis'; at the CME organised by the **Karimnagar Chapter of Association of Physicians of India**, at Karimnagar, 12th June, 2016
104. 'Non endoscopic, non-surgical management of chronic pancreatitis'; at the **Purbanchal Gastrocon 2016, Kolkata**, 10th April, 2016
105. 'Pancreatic Exocrine Insufficiency in Diabetes'; at the **2016 Zonal CME conducted by NTRUHS at Guntur Medical College**, 28th February, 2016.
106. 'Killing the pain, not the patient in chronic pancreatitis'; at the **14th North East Gastro Meet**, Guwahati, 30th January, 2016.
107. 'Acute Pancreatitis: Early Management'; at the **Gastrointestinal Update**, Hyderabad, 24th December, 2016.
108. 'Management issues in Acute Pancreatitis'; at the **Gastro Hepato CME** conducted by Calcutta Medical College, 16th December, 2015.
109. 'IPMN Update'; at the **PanCreAsia** meeting in Kuala Lumpur, 15th December, 2015.
110. 'Pancreatic cancer genetics'; at the **PanCreAsia** meeting in Kuala Lumpur, 14th December, 2015.
111. 'The gut microbiota: therapeutic manipulation in GI disease'; at the **25th Assam Chapter Annual Meeting of the Association of Physicians of India (APICON)**, at Tezpur, Assam on 12th December, 2015.
112. 'Antibiotics in acute pancreatitis: prophylactic, empirical and evidence'; at the **Annual Meeting of the Indian Society of Gastroenterology** at Indore, 21st November, 2015.
113. 'Experience with the Wellcome-DBT India Alliance'; at a symposium **Clinical Research: Opportunities, Challenges and Impact**; jointly organized by the Welcome DBT India Alliance and KIMS, Secunderabad on 4th November 2015.
114. 'Chronic pancreatitis: Challenges in diagnosis, treatment and follow-up'; at the **CME in Gastroenterology**, Shillong, September 2015.
115. 'Improving outcomes in acute pancreatitis: role of the physician'; at a **CME conducted by AMRI Hospital, Salt Lake** at Kolkata, 23rd August 2015.
116. 'Managing pain in chronic pancreatitis: issues beyond the pancreatic duct.:'; at the **Tamil Nadu Chapter of the Indian Society of Gastroenterology** CME at Chennai, June 2015.

117. 'Acute pancreatitis in humans: acinar immune interactions'; at the **Tamil Nadu Chapter of the Indian Society of Gastroenterology** CME at Chennai, June 2015.
118. 'Landmark publications in translational research likely to change HPB practice'; at the **Annual meeting of the IAHPB India**, at Hyderabad, March 2015.
119. 'Treatment targets in acute pancreatitis'; at the **Annual meeting of the IAHPB India**, at Hyderabad, March 2015.
120. 'Pancreatic exocrine insufficiency: an overlooked complication of diabetes'; at the **75th APICON 2015** at Gurgaon, February 2015.
121. 'Pain management in chronic pancreatitis: what can a physician offer?'; at the **13th North East Gastro Meet 2015** at Guwahati, 2nd February 2015.
122. 'Acute pancreatitis: the first 72hrs'; at the **East Zone APICON 2014** at Guwahati, December 2014.
123. 'Pancreatic exocrine insufficiency in diabetes mellitus'; at **DownTown Hospitals, Guwahati** in November 2014.
124. 'Pancreatic stellate cells: Pandora's box of pancreatic disease biology'; at the **Basic Science and Translational Research Symposium**, Hyderabad in September, 2014.
125. 'Management of acute pancreatitis: importance of the first 48-72hrs'; at the **Shillong Gastroenterology CME** at Barapani, Shillong on 17th August, 2014.
126. 'Early acinar events in acute pancreatitis'; at the **5th International Conference of the Asian Oceania Pancreas Association** at New Delhi in April, 2014.
127. 'Medical management of acute pancreatitis'; at the **12th Northeast Gastro Meet** in Guwahati, Assam, 1st February, 2014.
128. 'New Classifications of acute pancreatitis'; at the **12th Northeast Gastro Meet** in Guwahati, Assam, 1st February, 2014.
129. 'Revised Atlanta Classifications of acute pancreatitis: have we got it right?'; at the **Annual Meeting of the West Bengal Chapter of Indian Society of Gastroenterology**, February 22nd, 2014.
130. 'Fecal transplantation in GI diseases'; at the **Annual Conference of the Indian Society of Gastroenterology**, Jaipur, November 2013.

131. 'Islet transplantation: the way ahead'; at the 18th **Annual meeting of the North East Diabetes Society (NEDSCON)** in Guwahati, Assam, October 5th, 2013.
132. 'Recent advances in the management of acute pancreatitis'; at a **CME organized by the International Hospitals**, Guwahati, Assam, October 6th, 2013.
133. 'Pain in chronic pancreatitis: managing beyond the pancreatic duct'; **Pancreas India Mentorship Program**, Hyderabad, August 2013.
134. 'Acute Pancreatitis: Lessons learnt from experimental models'; at the **Pancreas India Mentorship program** in Delhi, April 2013.
135. Pain management in chronic pancreatitis. **11th Northeast Gastro Meet 2013**, Guwahati.
136. 'Exocrine-endocrine interaction in pancreas', at the 1st **Indo-US Joint Workshop on Pancreatic Islet**, in Hyderabad, September 2012.
137. 'Physiology of pancreatic function', at the **Pancreas India Mentorship program** in Hyderabad, May 2012.
138. 'Beta cell dysfunction in chronic pancreatitis', at the **Pancreas India Mentorship program** in Bengaluru, July 2012.
139. 'Pain mechanisms in chronic pancreatitis', at the **Pancreas India Mentorship program** in Bengaluru, July 2012.
140. 'Relapsing Acute Pancreatitis' and 'Medical Management of Chronic Pancreatitis' at the **Gastrocon 2011** (August), Silchar, **Assam**.
141. 'Justification of inclusion of a Moderate group in the classification of severity of Acute Pancreatitis' at a consensus meeting in the **International Association of Pancreatology**, in **Kochi**, February 2011.
142. 'Diabetic gastroparesis: Recent updates' at **Down Town Hospital, Guwahati**; August 2010.
143. 'Severity Assessment of Acute Pancreatitis', at the **8th Northeast Gastro Meet**, in Guwahati, February 2010.
144. 'Acute Pancreatitis: the first 48 hrs'; at the **19th APICON**, Assam and the **3rd NE APICON** in Sivasagar, Assam, December 2009.
145. 'Early management of Acute Pancreatitis; at **Nazareth Hospital, Shillong**, in November 2009.

146. 'Pathogenesis of Acute Pancreatitis- beyond trypsin' at **Down Town Hospital, Guwahati, India**; April 2008.

Original research paper (oral) presentations:

1. Microbiome-metabolome interactions in patients in chronic pancreatitis: implications in endocrine dysfunctions at the **IAP/EPC Annual Conference, Paris (Virtual)**, 3rd July, 2020.
2. Pain, brain and metabolites: Implications of a brain pancreas axis at **IAP/EPC Annual Conference, Paris (Virtual)**, 3rd July, 2020.
3. Dynamic association of inflammation, gut microbial dysbiosis and gut barrier integrity: Lessons learnt from animal models at the **Digestive Diseases Week at San Diego, USA**, 18th May, 2019 and **International Association of Pancreatology Annual Meeting at Cape Town, South Africa**, 17th August, 2019.
4. Impact of personalized counselling on depression and quality of life in patients with chronic pancreatitis: Results of a randomized controlled trial at the **Digestive Diseases Week at San Diego, USA**, 20th May, 2019.
5. Ductal clearance of calculi delays the development of diabetes in patients with idiopathic chronic pancreatitis at the **Digestive Diseases Week at Washington DC, USA**, 5th June, 2018.
6. Determinants of depression and its impact on quality of life in patients with chronic pancreatitis at the **Digestive Diseases Week at Washington DC, USA**, 5th June, 2018.
7. Multiple gene interaction increases the risk of recurrent acute pancreatitis in patients with pancreas divisum; at the **Digestive Diseases Week at Chicago, USA**, 7th May, 2017.
8. Pancreas divisum increases the risk of idiopathic recurrent acute pancreatitis in the presence of cathepsin B L26V polymorphism; at the **Gastro2016 meeting at Abu Dhabi**, November 2016 and the **International Association of Pancreatology Annual meeting at Sendai**, August, 2016.
9. Altered gut microbiota in patients with chronic pancreatitis is associated with gut barrier dysfunction and metabolic abnormalities; at the **IDDF Forum 2016 Meeting at Hong Kong** on 2nd June, 2016.

10. Circulating microRNA 192 in Combination with Serum CA19-9 Predicts Tumor Stage and Aggressiveness Prior to Surgery; at the **DDW 2016 meeting at San Diego, USA** on 22nd May, 2016.
11. Study of Gut Microbiome in Chronic Pancreatitis: Association With Pancreatogenic Diabetes (Type 3C Diabetes) and Exocrine Insufficiency; at the **UEGW Meeting at Barcelona** on 26th October 2015.
12. Antioxidants and pregabalin combination in the management of pain in chronic pancreatitis: a randomized, double blinded placebo controlled trial; at the **International Digestive Diseases Forum (IDDF) at Hong Kong** in June 2015; 23rd **United European Gastroenterology Week** from 18-22nd October 2015 at **Barcelona**, and **ISGCON 2015** at **Indore**.
13. Immune pathogenesis of alcoholic pancreatitis in humans; at the **22nd United European Gastroenterology Week** at **Vienna** from 18-22nd October 2014.
14. Rising BUN during the first 48hrs predicts primary intra-abdominal infections in acute pancreatitis; at the **Asian Pacific Digestive Week** at **Singapore** in October 2011.
15. Admission SIRS score predicts development of primary intra-abdominal infection in patients with severe acute pancreatitis; at the 41st Annual Meeting of the **American Pancreas Association** at **Chicago**; 3rd-6th November, 2010.
16. Moderately severe acute pancreatitis: Prospective validation of this new sub-group of acute pancreatitis; at the 41st Meeting of the **European Pancreas Club**, at **Szeged, Hungary**; July 2009.
17. 'Heat Shock Protein70 protects against pancreatitis by stabilizing lysosomal enzyme containing organelles in acinar cells'; at the **Digestive Diseases Week and 108th Annual Meeting of the American Gastroenterology Association** at **San Diego, USA**; May 2008.
18. Increased expression of heat shock protein70 leads to stabilization of pancreatic acinar lysosomes in rats in vitro; at the **38th Annual Meeting of the American Pancreatic Association** at **Chicago, USA**; November, 2007.

Academic responsibilities

Associate editor:

1. BMC Gastroenterology
2. Digestive Diseases and Sciences

3. Frontiers of Medicine (Gastroenterology section)
4. Frontiers of Gastroenterology (Gastroenterology and Cancer section)

Editorial board member:

1. Pancreatology (*Current*)
2. Indian Journal of Gastroenterology (*Current*)
3. World Journal of Gastroenterology (*Past*)

PhD thesis reviewer

1. University of Auckland, New Zealand

Peer reviewer:

1. Gastroenterology
2. American Journal of Gastroenterology
3. Clinical Gastroenterology Hepatology
4. Journal of Clinical Investigation [JCI]
5. Scientific Reports
6. PlosOne
7. Oncotarget
8. Molecular Immunology
9. Pancreas
10. Digestive Diseases
11. Free Radical Biology and Medicine
12. Theranostics
13. Experimental Cell Research
14. Journal of Cellular and Molecular Medicine
15. World Journal of Gastroenterology
16. Journal of Clinical Gastroenterology
17. Pancreapedia
18. Gastrointestinal Endoscopy
19. Endoscopy International Open
20. Canadian Medical Association Journal
21. Tropical Gastroenterology
22. JOP Journal of Pancreas
23. Critical Care
24. Postgraduate Medicine
25. Annals of Medicine and Surgery
26. Nutrition
27. Cell Biochemistry and Biophysics
28. Journal of Cellular Biochemistry
29. Saudi Journal of Gastroenterology
30. American Gastroenterology Association (AGA) abstract review committee member on Clinical acute pancreatitis.

Select awards and achievements

1. Elected as an **American Gastroenterology Association Fellow (AGAF)** in February, 2021.
2. **Best paper award** for the topic titled Impact of personalized counselling on depression and quality of life in patients with chronic pancreatitis, at the annual meeting of the **International Association of Pancreatology**, Cape Town, 2019.
3. **Wellcome-DBT India Alliance Fellowship** to study the role of gut microbial dysbiosis and metabolomic alterations in the pathogenesis of chronic pancreatitis and related metabolic abnormalities; 2018-2023.
4. **Fellowship of Indian College of Physicians (FICP)** by the Indian College of Physicians, September, 2017.
5. **American Pancreatic Association Travel Award** to attend the **2016 Annual Meeting of the APA**, Boston, USA, October 26-29, 2016.
6. Selection into IDDF Master Class at the **IDDF Forum 2016 meeting** in Hong Kong, 3-4 June, 2016.
7. **Best paper award** for the topic Study of Gut Microbiome in Chronic Pancreatitis: Association With Pancreatogenic Diabetes (Type 3C Diabetes) and Exocrine Insufficiency, that was presented at the **23rd UEGW Meeting at Barcelona** on 26th October 2015
8. **National Scholar Award** for the topic titled Immune pathogenesis of alcoholic pancreatitis in humans, that was presented at the **22nd United European Gastroenterology Week at Vienna** from 18-22nd October 2014
9. **Wellcome-DBT India Alliance Fellowship** to study the pathogenic mechanism of acinar cell injury in human acute pancreatitis 2012-2017.
10. **Young Investigator Award** for the study titled Admission SIRS score predicts development of primary intra-abdominal infection in patients with severe acute pancreatitis, that was presented at the 41st Annual Meeting of the **American Pancreas Association at Chicago**; 3rd-6th November, 2010.
11. **Systopic Award of Excellence** for poster presentation at the Annual Meeting of the Indian Society of Gastroenterology at Kolkata, November 2009.

12. **European Pancreas Club Travel Scholarship** to attend and present paper at the 41st Meeting of the EPC in Szeged, Hungary; July 2009.
13. **National Pancreas Foundation Travel Scholarship** to attend the NPF Fellow Symposium in Chicago, USA; April 2009.
14. **Bharat Jyoti Award 2008**, by the India International Friendship Society, New Delhi.
15. **2007 National Pancreas Foundation award** for best abstract in basic pancreatology at the **38th Annual Meeting of the American Pancreatic Association**, Chicago.
16. **2007 American Pancreatic Association Travel Award**, to attend and present paper at the **38th Annual Meeting of the American Pancreatic Association** at Chicago.
17. **APDW International Travel Fellowship** to attend and present paper at the **6th Asian Pacific Digestive Week** at Cebu City, Philippines in Nov. 2006.
18. **State merit scholarship** for superior performance at the high school leaving certificate and higher secondary examinations.

Professional affiliations/membership:

1. Member of the American Gastroenterological Association (Member no. 378474)
2. Member of the International Association of Pancreatology. (Member ID: IAP 6937)
3. Member of the Indian Pancreas Club. (Member ID: IPC 0137)
4. Life member of the Association of Physicians of India. (*Membership no. L-11883*)
5. Life member of the Indian Society of Gastroenterology. (*Membership no. LM001498*)

Medical licensure:

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